

IN THE CLAIMS:

1. (original) A system to provide feedback on a face in a video image received by a wireless communication device, the system comprising:

a video-input device to receive the video image;

an image-recognition processor coupled to the video-input device to receive and analyze the video image, wherein the image-recognition processor is configured to recognize characteristics of the face in the received video image, compare the characteristics of the face in the received video image to a predetermined set of face-characteristics and selectively generate a feedback signal based on the comparison;

a signaling device to receive the selectively-generated feedback signal and selectively generate a user-signal based at least in part on the feedback signal received from the image-recognition processor; and

a transmitter to transmit the received video image to a remote location.

2. (original) The system of claim 1 wherein the selectively-generated feedback signal is one of a predetermined set of feedback signals to convey information related to the comparison of the characteristics of the face in the received video image to the predetermined set of face-characteristics and the user-signal is one of a predetermined set of user-signals to convey information to the user related to the comparison of the face in the received video image to the predetermined set of face-characteristics.

3. (original) The system of claim 1 wherein the selectively-generated user-signal comprises an audio signal.

4. (original) The system of claim 1 wherein the selectively-generated user-signal comprises a visual signal.

5. (original) The system of claim 4 wherein the selectively-generated user-signal comprises a video signal.

6. (original) A system to provide feedback on a face in a video image received by a wireless communication device, the system comprising:

a video-input device to receive the video image;

an image-recognition processor coupled to the video-input device to receive and analyze the video image, wherein the image-recognition processor is configured to recognize characteristics of the face in the received video image, compare the characteristics of the face in the received video image to a predetermined set of face-characteristics and selectively generate a feedback signal based on the comparison;

an image-adjustment device to adjust the image received by the video-input device, wherein the adjustment is based at least in part on the selectively-generated feedback signal; and

a transmitter to transmit the received video image to a remote location.

7. (original) The system of claim 6 wherein the selectively-generated feedback signal is one of a set of predetermined feedback signals.

8. (original) A method to provide feedback on a face in a video image received by a wireless communication device, the method comprising:

receiving the video image;

comparing characteristics of the face in the received video image to a predetermined set of face-characteristics;

selectively generating a user-signal based at least in part on the comparison of the face in the received video image to the predetermined set of face-characteristics; and

transmitting the received video image to a remote location.

9. (original) The method of claim 8 wherein the selectively-generated user-signal is one of a predetermined set of user-signals to convey information to the user related to the comparison of the face in the received video image to the predetermined set of face-characteristics.

10. (original) The method of claim 8 wherein the selectively-generated user-signal comprises an audio signal.

11. (original) The method of claim 8 wherein the selectively-generated user-signal comprises a visual signal.

12. (original) The method of claim 11 wherein the selectively-generated user-signal comprises a video signal.

13. (original) A method to provide feedback on a face in a video image received by a wireless communication device, the method comprising:

receiving the video image;

comparing characteristics of the face in the received video image to a predetermined set of face-characteristics;

automatically adjusting the wireless communications device based at least in part on the comparison of the characteristics of the face in the received video image to the predetermined set of face characteristics; and

transmitting the received video image to a remote location.